

CLAIMS

We claim:

1. An electronic display to post numeric amounts in a programmable manner which includes fixed text and graphics comprising:

 a transparent panel having fixed text and graphics;

 electronics, switches and an electronically programmable numeric display mounted on a pc board;

 a container holding said pc board and said switches;

 a groove on at least three sides of said container to hold said first and second panels in front of said pc board; and

 a backlighting device mounted in a bottom portion of said groove; and

 wherein said electronics programmably changes said electronically programmable numeric display through said switches, said electronically programmable numeric display shows through said transparent panel in areas not having said fixed text and graphics, and said backlighting device diffusely shines light through a bottom edge of said panel.

2. The electronic display to post numeric amounts in a programmable manner according to claim 1, wherein said panel has engraved fixed text and graphics.

3. The electronic display to post numeric amounts in a programmable manner according to claim 1, wherein said panel includes engraved fixed text and graphics identifying the meaning of said electronically programmable numeric display.

4. The electronic display to post numeric amounts in a programmable manner according to claim 1, wherein said backlighting device is configured to emit different colors controlled by said switches.

5. The electronic display to post numeric amounts in a programmable manner according to claim 4, wherein said electronically programmable numeric display is a multidigit seven segment light emitting diode array.

6. The electronic display to post numeric amounts in a programmable manner according to claim 5, wherein said electronics includes a microcomputer chip.

7. The electronic display to post numeric amounts in a programmable manner according to claim 3, wherein said electronically programmable numeric display is a multidigit seven segment light emitting diode array.

8. The electronic display to post numeric amounts in a programmable manner according to claim 7, wherein said electronics includes a microcomputer chip.

9. The electronic display to post numeric amounts in a programmable manner according to claim 3, wherein said backlighting device emits different colors controlled by said switches.

10. The electronic display to post numeric amounts in a programmable manner according to claim 9, wherein said electronically programmable numeric display is a multidigit seven segment light emitting diode array.

11. The electronic display to post numeric amounts in a programmable manner according to claim 10, wherein said electronics includes a microcomputer chip.

12. An electronic display to post numeric amounts in a programmable manner, which includes fixed text and graphics comprising:

a transparent panel having engraved fixed text and graphics; electronics, switches and an electronically programmable numeric display mounted on a pc board;

a container holding said pc board and said switches;

a groove on at least three sides of said container to hold said first panel in front of said pc board; and

a backlighting device mounted in a bottom portion of said groove;

wherein said electronics programmably changes said electronically programmable numeric display through said switches, said electronically programmable numeric display is positioned to show through an unengraved area of said transparent panel, and said backlighting device diffusely shines light through a bottom edge of said panel.

13. The electronic display to post numeric amounts in a programmable manner according to claim 12, wherein said backlighting device emits different colored light controlled by said switches.

14. The electronic display to post numeric amounts in a programmable manner according to claim 12, wherein said panel has some non-transparent areas above said electronic numeric displays to prevent said electronics inside said container from showing and said backlighting device emits different colored light controlled by said switches.

15. The electronic display to post numeric amounts in a programmable manner according to claim 13, wherein said backlighting device is a multi-terminal light emitting diode array.

16. The electronic display to post numeric amounts in a programmable manner according to claim 15, wherein said

electronically programmable numeric display is a multidigit seven segment light emitting diode array.

17. The electronic display to post numeric amounts in a programmable manner according to claim 16, wherein said electronics includes a microcomputer chip.

18. An electronic display to post numeric amounts in a programmable manner which includes fixed text and graphics comprising:

a transparent panel having engraved fixed text and graphics; electronics, switches and electronically programmable numeric display mounted on a pc board;

a container holding said pc board and said switches; and

a backlighting device mounted in a bottom portion of said groove;

wherein said electronics programmably changes said electronically programmable numeric display through said switches, said electronically programmable numeric display is positioned to show through an unengraved area of said transparent panel, said backlighting device diffusely shines light through a bottom edge of said panel, said backlighting device emits different colors controlled by said switches.

19. The electronic display to post numeric amounts in a programmable manner according to claim 18, wherein said electronics include a microcomputer chip.

20. The electronic display to post numeric amounts in a programmable manner according to claim 19, wherein said electronically programmable numeric display is a multidigit seven segment light emitting diode array.

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